

## AIR DATA SUMMARY 6/26/10

### Region 6:

- A total of 1158 air samples have been collected to date. The first samples were collected 4/28/10.

### VOCs by TO-15

- 611 air samples have been submitted for TO-15 to date for analysis. Samples have been analyzed by Air Toxics, SPL, and Test America laboratories.

Parrish	Total Samples	Samples with Final Results	Samples with Prelim results	Samples with no results
Jefferson	66	53	3	10
Lafourche	23	19	1	3
Not Identified	5	4	1	0
Plaquemines	281	251	17	13
St. Bernard	236	223	6	7

### SVOCs by TO-13

- 63 air samples have been submitted for TO-13 to date for analysis. Samples have been analyzed by Test America laboratories.

Parrish	Total Samples	Samples with Final Results	Samples with Prelim results	Samples with no results
Jefferson	11	2	3	6
Lafourche	2			2
Plaquemines	24	14	4	6
St. Bernard	26	12	2	12

### PM 2.5

- 484 air samples have been submitted for PM 2.5 to date for analysis. Samples have been analyzed by Chester Labnet.

Parrish	Total Samples	Samples with Final Results	Samples with Prelim results	Samples with no results
Jefferson	42	26	8	8
Lafourche	20	13	4	3
Not Identified	66	51	6	9
Plaquemines	197	164	17	16
St. Bernard	159	141	9	9

### **Analytical Issues Being Confronted:**

All air samples are being shipped via FedEx to remote laboratories. If the laboratory can accept samples on Saturday, then Friday samples are shipped for Saturday delivery. Otherwise, samples are shipped on Monday for Tuesday delivery.

For the PM 2.5 samples, the laboratory must maintain very strict humidity control in the sample analysis room. Occasionally, if the humidity is out of control, reporting final PM 2.5 data is delayed.

## Results and Early Conclusions

### Cost per Sample

\$545	VOCs in Air by TO-15 (EPA START samples)
\$450	VOCs in Air by TO-15 (LDEQ samples) for Weekday effort
\$650	VOCs in Air by TO-15 (LDEQ samples) for Weekend effort
\$35	PM2.5
\$333.75	SVOCs in Air by TO-13 for Weekday effort
\$587.50	SVOCs in Air by TO-13 for Weekend effort

## Results and Early Conclusions

- The following table is a summary of exceedances for air:

Analyte	# of Samples	Dates of Samples
PM 2.5	4	May 1,7 Jun 12,14
Benzene	1	Apr 30
Naphthalene	1	May 17